

## Tool 2(data).6. ITBS Item Analysis Summary (page 1 of 5)

## ITBS Item Analysis Summary

One of the data displays available from Iowa Testing Programs is the Performance Profile. While item by item analysis may be interesting especially for classroom teachers, performance on strands of items is often more informative. The following form is provided as a place to track the changes in strand performance over multiple grades. Caution is recommended with this analysis because some strands may be related only to a very small group of test questions. If this is true, the results may not be reliable enough to make determinations. Multiple data from multiple sources should always be considered.

School: \_\_\_\_\_

### Average Percent Correct (Grades 3, 4, 5)

	Grade 3 (n= )			Grade 4 (n= )			Grade 5 (n= )		
	Our Students	Nation or State	Difference	Our Students	Nation or State	Difference	Our Students	Nation or State	Difference
<b>READING VOCABULARY</b>									
<b>READING COMPREHENSION</b>									
Factual Understanding									
Inference and Interpretation									
Analysis and Generalization									
<b>MATH CONCEPTS and ESTIMATION</b>									
Number properties & Operations									
Algebra									
Geometry									
Measurement									
Probability & Statistics									
Estimation									
<b>MATH PROBLEM SOLVING &amp; DATA INTERPRETATION</b>									
Single- Step									
Multi-Step									
Approaches & Procedures									
Read Amounts									
Compare Quantities									
Interpret Relationships									
<b>COMPUTATION</b>									
Add w/ whole numbers									
Subtract w/ whole numbers									
Multiply w/ whole numbers									
Divide w/ whole numbers									
Add/subtract w/ fractions									
Add/subtract w/ decimals									
<b>SCIENCE</b>									
Scientific Inquiry									
Life Science									
Earth and Space Science									
Physical Science									

**Tool 2(data).6.** ITBS Item Analysis Summary (page 2 of 5)

**ITBS Item Analysis Summary for Grades 3, 4, 5**  
Average Percent Correct

Areas of strength

Areas of weakness

## Tool 2(data).6. ITBS Item Analysis Summary (page 3 of 5)

School: \_\_\_\_\_

**ITBS Average Percent Correct (Grades 6, 7, 8)**

	Grade 6 (n= )			Grade 7 (n= )			Grade 8 (n= )		
	Our Students	Nation or State	Difference	Our Students	Nation or State	Difference	Our Students	Nation or State	Difference
<b>READING VOCABULARY</b>									
<b>READING COMPREHENSION</b>									
Factual Understanding									
Inference and Interpretation									
Analysis and Generalization									
<b>MATH CONCEPTS and ESTIMATION</b>									
Number properties & Operations									
Algebra									
Geometry									
Measurement									
Probability & Statistics									
Estimation									
<b>MATH PROBLEM SOLVING &amp; DATA INTERPRETATION</b>									
Single- Step									
Multi-Step									
Approaches & Procedures									
Read Amounts									
Compare Quantities									
Interpret Relationships									
<b>COMPUTATION</b>									
Add w/ whole numbers									
Subtract w/ whole numbers									
Multiply w/ whole numbers									
Divide w/ whole numbers									
Add w/ fractions									
Subtract w/ fractions									
Multiply w/ fractions									
Divide w/ fractions									
Add w/ decimals									
Subtract w/ decimals									
Multiply w/ decimals									
Divide w/ decimals									
<b>SCIENCE</b>									
Scientific Inquiry									
Life Science									
Earth and Space Science									
Physical Science									

**Tool 2(data).6.** ITBS Item Analysis Summary (page 4 of 5)

**ITBS Item Analysis Summary for Grades 6, 7, 8**  
Average Percent Correct

Areas of strength

Areas of weakness

**Tool 2(data).6.** ITBS Item Analysis Summary (page 5 of 5)

School: \_\_\_\_\_

**ITED Average Percent Correct (Grades 9, 10, 11, 12)**

	Grade 9 (n= )			Grade 10 (n= )			Grade 11 (n= )			Grade 12 (n= )		
	Our Students	Nation or State	Difference	Our Students	Nation or State	Difference	Our Students	Nation or State	Difference	Our Students	Nation or State	Difference
<b>READING VOCABULARY</b>												
<b>READING COMPREHENSION</b>												
Factual Understanding												
Inference and Interpretation												
Analysis and Generalization												
<b>MATHEMATICS</b>												
Concepts/Procedures												
Data Interpretation												
Problem Solving												
<b>MATH COMPUTATION</b>												
Integers												
Decimals/Percents												
Fractions												
Algebraic Manipulations												
<b>SCIENCE</b>												
Interpreting Information												
Analyzing/Evaluating Information												
Analyzing Scientific Investigations												

**ITED SUMMARY:**

Areas of strength

Areas of weakness